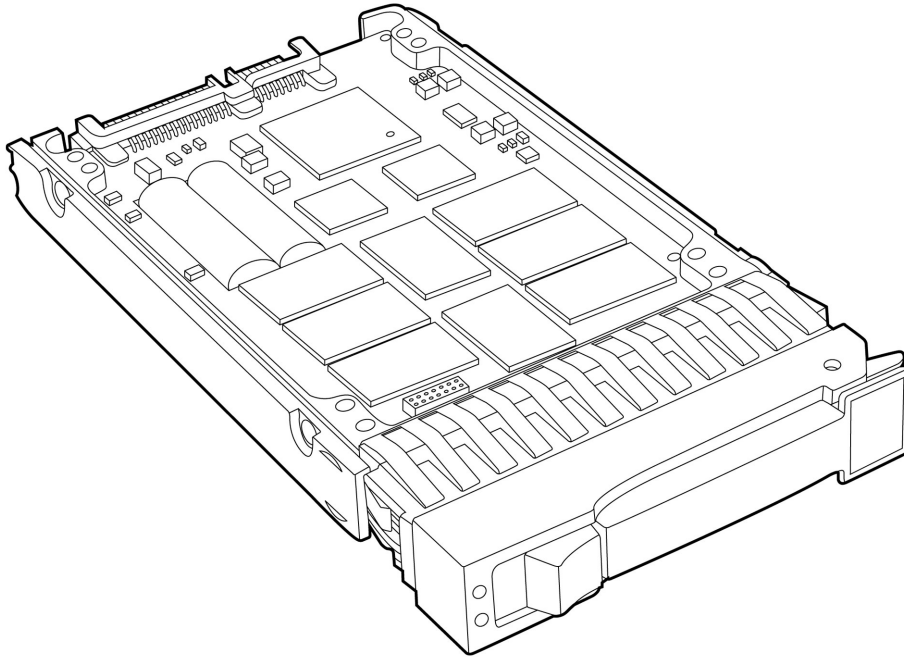# QuickSpecs

Overview

HP Solid State Drives (SSDs) deliver exceptional performance and endurance for customers with applications requiring high random read IOPs performance. Leveraging NAND Flash technology, they support HP ProLiant servers and server storage platforms. They are generally available as Small Form Factor (SFF) and Large Form Factor (LFF) hot plug devices, non-hot plug SFF devices, and SFF Quick Release devices. These drives deliver higher performance, lower latency, and more power-efficient solutions when compared with traditional rotating media. Plus they fit seamlessly into the existing HP server infrastructure.

What's New

- HP 12Gb SAS SSDs - High Endurance and Mainstream Endurance

Models
HP Solid State Drives (SSD)
HP SSD SAS Drives
12G SAS High Endurance Hot Plug SFF (2.5-inch) Enterprise Performance Solid State Drives

HP 800GB 12G SAS High Endurance SFF 2.5-in SC Enterprise Performance 3yr Wty Solid State Drive	741159-B21
NOTE: This drive supports Gen8 servers only.	
HP 800GB 12G SAS High Endurance SFF 2.5-in Enterprise Performance 3yr Wty Solid State Drive	741157-B21
HP 400GB 12G SAS High Endurance SFF 2.5-in SC Enterprise Performance 3yr Wty Solid State Drive	741155-B21
NOTE: This drive supports Gen8 servers only.	
HP 400GB 12G SAS High Endurance SFF 2.5-in Enterprise Performance 3yr Wty Solid State Drive	741153-B21
HP 200GB 12G SAS High Endurance SFF 2.5-in SC Enterprise Performance 3yr Wty Solid State Drive	741151-B21
NOTE: This drive supports Gen8 servers only.	
HP 200GB 12G SAS High Endurance SFF 2.5-in Enterprise Performance 3yr Wty Solid State Drive	741148-B21

12G SAS Mainstream Endurance Hot Plug SFF (2.5-inch) Enterprise Mainstream Solid State Drives

HP 800GB 12G SAS Mainstream Endurance SFF 2.5-in SC Enterprise Mainstream 3yr Wty Solid State Drive	741146-B21
NOTE: This drive supports Gen8 servers only.	
HP 800GB 12G SAS Mainstream Endurance SFF 2.5-in Enterprise Mainstream 3yr Wty Solid State Drive	741144-B21
HP 400GB 12G SAS Mainstream Endurance SFF 2.5-in SC Enterprise Mainstream 3yr Wty Solid State Drive	741142-B21
NOTE: This drive supports Gen8 servers only.	
HP 400GB 12G SAS Mainstream Endurance SFF 2.5-in Enterprise Mainstream 3yr Wty Solid State Drive	741140-B21
HP 200GB 12G SAS Mainstream Endurance SFF 2.5-in SC Enterprise Mainstream 3yr Wty Solid State Drive	741138-B21
NOTE: This drive supports Gen8 servers only.	
HP 200GB 12G SAS Mainstream Endurance SFF 2.5-in Enterprise Mainstream 3yr Wty Solid State Drive	741136-B21

HP SSD SATA Drives
6G SATA Value Endurance Hot Plug SFF (2.5-inch) Enterprise Boot Solid State Drives

HP 120GB 6G SATA Value Endurance SFF 2.5-in SC Enterprise Boot 3yr Wty Solid State Drive	717965-B21
NOTE: This drive supports Gen8 servers only.	
HP 120GB 6G SATA Value Endurance SFF 2.5-in Enterprise Boot 3yr Wty Solid State Drive	728726-B21
NOTE: This drive supports G7 servers only.	
HP 80GB 6G SATA Value Endurance SFF 2.5-in SC Enterprise Boot 3yr Wty Solid State Drive	734360-B21
NOTE: This drive supports Gen8 servers only.	
HP 80GB 6G SATA Value Endurance SFF 2.5-in Enterprise Boot 3yr Wty Solid State Drive	734366-B21
NOTE: This drive supports G7 servers only.	

6G SATA Value Endurance Hot Plug LFF (3.5-inch) Enterprise Boot Solid State Drives

HP 120GB 6G SATA Value Endurance LFF 3.5-in SC Enterprise Boot 3yr Wty Solid State Drive	718171-B21
NOTE: This drive supports Gen8 servers only.	
HP 120GB 6G SATA Value Endurance LFF 3.5-in Enterprise Boot 3yr Wty Solid State Drive	728732-B21
NOTE: This drive supports G7 servers only.	
HP 80GB 6G SATA Value Endurance LFF 3.5-in SC Enterprise Boot 3yr Wty Solid State Drive	734362-B21
NOTE: This drive supports Gen8 servers only.	
HP 80GB 6G SATA Value Endurance LFF 3.5-in Enterprise Boot 3yr Wty Solid State Drive	734368-B21
NOTE: This drive supports G7 servers only.	

6G SATA Value Endurance Hot Plug SFF (2.5-inch) Enterprise Value Solid State Drives

HP 800GB 6G SATA Value Endurance SFF 2.5-in SC Enterprise Value 3yr Wty Solid State Drive	717973-B21
NOTE: This drive supports Gen8 servers only.	

Models

HP 800GB 6G SATA Value Endurance SFF 2.5-in Enterprise Value 3yr Wty Solid State Drive 728743-B21
NOTE: This drive supports G7 servers only.

HP 480GB 6G SATA Value Endurance SFF 2.5-in SC Enterprise Value 3yr Wty Solid State Drive 717971-B21
NOTE: This drive supports Gen8 servers only.

HP 480GB 6G SATA Value Endurance SFF 2.5-in Enterprise Value 3yr Wty Solid State Drive 728739-B21
NOTE: This drive supports G7 servers only.

HP 600GB 6G SATA Value Endurance SFF 2.5-in SC Enterprise Boot 3yr Wty Solid State Drive 739898-B21
NOTE: This drive supports Gen8 servers only.

HP 300GB 6G SATA Value Endurance SFF 2.5-in SC Enterprise Boot 3yr Wty Solid State Drive 739888-B21
NOTE: This drive supports Gen8 servers only.

HP 600GB 6G SATA Value Endurance SFF 2.5-in Enterprise Boot 3yr Wty Solid State Drive 739904-B21
NOTE: This drive supports G7 servers only.

HP 300GB 6G SATA Value Endurance SFF 2.5-in Enterprise Boot 3yr Wty Solid State Drive 739894-B21
NOTE: This drive supports G7 servers only.

HP 240GB 6G SATA Value Endurance SFF 2.5-in SC Enterprise Value 3yr Wty Solid State Drive 717969-B21
NOTE: This drives supports Gen8 servers only.

HP 240GB 6G SATA Value Endurance SFF 2.5-in Enterprise Value 3yr Wty Solid State Drive 728735-B21
NOTE: This drive supports G7 servers only.

6G SATA Value Endurance Hot Plug LFF (3.5-inch) Enterprise Value Solid State Drives

HP 800GB 6G SATA Value Endurance LFF 3.5-in SC Enterprise Value 3yr Wty Solid State Drive 718189-B21
NOTE: This drive supports Gen8 servers only.

HP 800GB 6G SATA Value Endurance LFF 3.5-in Enterprise Value 3yr Wty Solid State Drive 728745-B21
NOTE: This drive supports G7 servers only.

HP 600GB 6G SATA Value Endurance LFF 3.5-in SC Enterprise Boot 3yr Wty Solid State Drive 739900-B21
NOTE: This drive supports Gen8 servers only.

HP 600GB 6G SATA Value Endurance LFF 3.5-in Enterprise Boot 3yr Wty Solid State Drive 739906-B21
NOTE: This drive supports G7 servers only.

HP 480GB 6G SATA Value Endurance LFF 3.5-in SC Enterprise Value 3yr Wty Solid State Drive 718183-B21
NOTE: This drive supports Gen8 servers only.

HP 480GB 6G SATA Value Endurance LFF 3.5-in Enterprise Value 3yr Wty Solid State Drive 728741-B21
NOTE: This drive supports G7 servers only.

HP 300GB 6G SATA Value Endurance LFF 3.5-in SC Enterprise Boot 3yr Wty Solid State Drive 739890-B21
NOTE: This drive supports Gen8 servers only.

HP 300GB 6G SATA Value Endurance LFF 3.5-in Enterprise Boot 3yr Wty Solid State Drive 739896-B21
NOTE: This drive supports G7 servers only.

HP 240GB 6G SATA Value Endurance LFF 3.5-in SC Enterprise Value 3yr Wty Solid State Drive 718177-B21
NOTE: This drive supports Gen8 servers only.

HP 240GB 6G SATA Value Endurance LFF 3.5-in Enterprise Value 3yr Wty Solid State Drive 728737-B21
NOTE: This drive supports G7 servers only.

6G SATA ME Hot Plug SFF (2.5-inch) Enterprise Mainstream Solid State Drives
NOTE: These drives support Gen8 servers only.

HP 800GB 6G SATA Mainstream Endurance SFF 2.5-in SC Enterprise Mainstream 3yr Wty Solid State Drive 691868-B21
HP 400GB 6G SATA Mainstream Endurance SFF 2.5-in SC Enterprise Mainstream 3yr Wty Solid State Drive 691866-B21
HP 200GB 6G SATA Mainstream Endurance SFF 2.5-in SC Enterprise Mainstream 3yr Wty Solid State Drive 691864-B21
HP 100GB 6G SATA Mainstream Endurance SFF 2.5-in SC Enterprise Mainstream 3yr Wty Solid State Drive 691862-B21

Models

6G SATA ME Hot Plug LFF (3.5-inch) Enterprise Mainstream Solid State Drives
NOTE: These drives support Gen8 servers only.

HP 800GB 6G SATA Mainstream Endurance LFF 3.5-in SC Enterprise Mainstream 3yr Wty Solid State Drive	691860-B21
HP 400GB 6G SATA Mainstream Endurance LFF 3.5-in SC Enterprise Mainstream 3yr Wty Solid State Drive	691856-B21
HP 200GB 6G SATA Mainstream Endurance LFF 3.5-in SC Enterprise Mainstream 3yr Wty Solid State Drive	691854-B21
HP 100GB 6G SATA Mainstream Endurance LFF 3.5-in SC Enterprise Mainstream 3yr Wty Solid State Drive	691852-B21

6G SATA ME Hot Plug SFF (2.5-inch) Enterprise Mainstream Solid State Drives
NOTE: These drives support G6 and G7 servers only.

HP 800GB 6G SATA Mainstream Endurance SFF 2.5-in Enterprise Mainstream 3yr Wty Solid State Drive	730065-B21
HP 400GB 6G SATA Mainstream Endurance SFF 2.5-in Enterprise Mainstream 3yr Wty Solid State Drive	730063-B21
HP 200GB 6G SATA Mainstream Endurance SFF 2.5-in Enterprise Mainstream 3yr Wty Solid State Drive	730061-B21
HP 100GB 6G SATA Mainstream Endurance SFF 2.5-in Enterprise Mainstream 3yr Wty Solid State Drive	730059-B21

HP SSD SAS Drives

6G SAS ME Hot Plug SFF (2.5-inch) Enterprise Mainstream Solid State Drives

HP 800GB 6G SAS Mainstream Endurance SFF 2.5-in SC Enterprise Mainstream 3yr Wty Solid State Drive	690829-B21
NOTE: This drive supports Gen8 servers only.	
HP 800GB 6G SAS Mainstream Endurance SFF 2.5-in Enterprise Mainstream 3yr Warranty Solid State Drive	690823-B21
NOTE: This drive supports G6 and G7 servers only.	
HP 400GB 6G SAS Mainstream Endurance SFF 2.5-in SC Enterprise Mainstream 3yr Wty Solid State Drive	690827-B21
NOTE: This drive supports Gen8 servers only.	
HP 400GB 6G SAS Mainstream Endurance SFF 2.5-in ENT Mainstream 3yr Warranty Solid State Drive	690821-B21
NOTE: This drive supports G6 and G7 servers only.	
HP 200GB 6G SAS Mainstream Endurance SFF 2.5-in SC Enterprise Mainstream 3yr Wty Solid State Drive	690825-B21
NOTE: This drive supports Gen8 servers only.	
HP 200GB 6G SAS Mainstream Endurance SFF 2.5-in Enterprise Mainstream 3yr Warranty Solid State Drive	690819-B21
NOTE: This drive supports G6 and G7 servers only.	

6G SAS SLC Hot Plug SFF (2.5-inch) Enterprise Performance Solid State Drives

HP 400GB 6G SAS SLC SFF (2.5-inch) SC Enterprise Performance 3yr Warranty Solid State Drive	653082-B21
NOTE: This drive supports Gen8 servers only.	
HP 400GB 6G SAS SLC SFF (2.5-inch) Enterprise Performance 3yr Warranty Solid State Drive	632494-B21
NOTE: This drive supports G6 and G7 servers only.	
HP 200GB 6G SAS SLC SFF (2.5-inch) SC Enterprise Performance 3yr Warranty Solid State Drive	653078-B21
NOTE: This drive supports Gen8 servers only.	
HP 200GB 6G SAS SLC SFF (2.5-inch) Enterprise Performance 3yr Warranty Solid State Drive	632492-B21
NOTE: This drive supports G6 and G7 servers only.	

HP SSD SATA Quick Release Drives

6G SATA Value Endurance Quick Release SFF (2.5-inch) Enterprise Boot Solid State Drives
NOTE: These drives are supported by the SL230s Gen8 and SL250s Gen8 only.

HP 120GB 6G SATA Value Endurance SFF 2.5-in Quick-release Enterprise Boot 3yr Wty Solid State Drive	718174-B21
HP 80GB 6G SATA Value Endurance SFF 2.5-in Quick-release Enterprise Boot 3yr Wty Solid State Drive	734364-B21

6G SATA Value Endurance Quick Release SFF (2.5-inch) Enterprise Value Solid State Drives
NOTE: These drives are supported by the SL230s Gen8 and SL250s Gen8 only.

HP 800GB 6G SATA Value Endurance SFF 2.5-in Quick-release Enterprise Value 3y Wty Solid State Drive	718192-B21
HP 600GB 6G SATA Value Endurance SFF 2.5-in Quick-release Enterprise Boot 3yr Wty Solid State Drive	739902-B21
HP 480GB 6G SATA Value Endurance SFF 2.5-in Quick-release Enterprise Value 3yr Wty Solid State Drive	718186-B21

Models

HP 300GB 6G SATA Value Endurance SFF 2.5-in Quick-release Enterprise Boot 3yr Wty Solid State Drive   739892-B21
NOTE: This drive also supports the Moonshot System.

HP 240GB 6G SATA Value Endurance SFF 2.5-in Quick-release Enterprise Value 3yr Wty Solid State Drive   718180-B21
NOTE: This drive also supports the Moonshot System.

6G SATA ME Quick Release SFF (2.5-inch) Enterprise Mainstream Solid State Drives
NOTE: These drives are supported by the SL230s Gen8 and SL250s Gen8 only.

HP 800GB 6G SATA Mainstream Endurance SFF 2.5-in QR Enterprise Mainstream 3yr Wty Solid State Drive   730057-B21
HP 400GB 6G SATA Mainstream Endurance SFF 2.5-in QR Enterprise Mainstream 3yr Wty Solid State Drive   730055-B21
HP 200GB 6G SATA Mainstream Endurance SFF 2.5-in QR Enterprise Mainstream 3yr Wty Solid State Drive   730053-B21
HP 100GB 6G SATA Mainstream Endurance SFF 2.5-in QR Enterprise Mainstream 3yr Wty Solid State Drive   730051-B21

3G SATA MLC Quick Release SFF (2.5-inch) Enterprise Mainstream Solid State Drives
NOTE: These drives support G6, G7, and Gen8 servers only.

HP 400GB 3G SATA MLC SFF (2.5-inch) Quick-release Enterprise Mainstream 3yr Wty Solid State Drive   636625-B21

Standard Features

What is SSD?	An enduring data storage device using semiconductor technology to store and access data which is non-volatile without the aid of an auxiliary power source.

SSD Quality	Today's distributed enterprise is seeing larger, more complex applications, an increase of mission-critical data moving to the server, increasing demand for transaction processing and critical server consolidation. In this environment, storage has become a critical component of the information system, significantly defining both the systems reliability and performance. This is why HP drives undergo an intense qualification process that eliminates firmware and O/S incompatibilities. All drive firmware is specific to our drives and is designed to maximize both functionality and compatibility. All of our drives are proven to be reliable and tuned for optimum performance in the HP equipment for which they were designed.

Integration	Many issues customers have with third party drives are "simple" integration issues. When buying from another supplier, there is no guarantee that a drive has been correctly set for proper operation with ProLiant servers and storage systems. These incompatibilities can create problems in configuration, can rob your system of performance, or at their worst, can cause you to lose data. HP drives are specifically designed and tested for flawless operation in your HP equipment. The integration of solid state drives in HP systems means that associated components are right for your ProLiant server.

Support Matrix	Please see the following URL for the latest list of supported servers and enclosures: http://h18004.www1.hp.com/products/servers/proliantstorage/drives-enclosures/docs/index.html **NOTE:** Non-hot plug devices are 15mm Z-height which restricts them to those servers that can accept a 15mm device

Maximum Usage Limitations

NAND Flash devices use semiconductor technology that has a finite number of data that can be written to the device, defined as the Maximum Usage Limit, commonly called write endurance.

Write Endurance - Write endurance is measured while running 100% random 4KiB writes across the entire SSD

Drive Writes Per Day - Workload environment is based on 100% random 4KiB writes for five (5) years

Drive	Write endurance specifications for 6G SATA Value Endurance (VE) SSDs	
	Lifetime Writes	**Drive Writes Per Day for Five (5) Years (using JESD219 workload)**
VE Enterprise Boot 80GB	40TB	0.3
VE Enterprise Boot 120GB	75TB	0.3
VE Enterprise Value 240GB	145TB	0.3
VE Enterprise Value 480GB	290TB	0.3
VE Enterprise Value 800GB	490TB	0.3

Standard Features

Drive	Write endurance specifications for 12G SAS High Endurance (HE) SSDs	
	Lifetime Writes	Drive Writes Per Day for Five (5) Years (using JESD219 workload)
12G SAS HE Enterprise Performance 200GB	9.3PB	25
12G SAS HE Enterprise Performance 400GB	19.1PB	25
12G SAS HE Enterprise Performance 800GB	38.3PB	25
Drive	Write endurance specifications for 12G SAS Mainstream Endurance (ME) SSDs	
	Lifetime Writes	Drive Writes Per Day for Five (5) Years (using JESD219 workload)
12G SAS ME Enterprise Mainstream 200GB	4.1PB	10
12G SAS ME Enterprise Mainstream 400GB	8.6PB	10
12G SAS ME Enterprise Mainstream 800GB	15.6PB	10
Drive	Write endurance specifications for 6G SATA Mainstream Endurance (ME) SSDs	
	Lifetime Writes	Drive Writes Per Day for Five (5) Years (using JESD219 workload)
ME Enterprise Mainstream 100GB	1.8PB	10
ME Enterprise Mainstream 200GB	3.6PB	10
ME Enterprise Mainstream 400GB	7.2PB	10
ME Enterprise Mainstream 800GB	14.6PB	10
Drive	Write endurance specifications for 6G SAS SSD Devices	
	Lifetime Writes	Drive Writes Per Day for Five (5) Years
ME Enterprise Mainstream 200GB	Up to 1.5PB	4.4
ME Enterprise Mainstream 400GB	Up to 3.3PB	4.4
ME Enterprise Mainstream 800GB	Up to 6.5PB	4.4
200GB MLC	Up to 550TB	1.5
400GB MLC	Up to 1PB	1.5

Standard Features

800GB MLC	Up to 2PB	1.5
200GB SLC	Up to 4.5PB	14
400GB SLC	Up to 8.9PB	14
Drive	**Write endurance specifications for 3G SATA SSD Devices**	
	Lifetime Writes	**Drive Writes Per Day for Five (5) Years**
100GB MLC	Up to 981TB	5.5
200GB MLC	Up to 1.9PB	5.5
400GB MLC	Up to 3.9PB	5.5

HP Solid State Drives are equipped with tools that can report the amount of lifetime remaining. Introducing HP SMARTSSD Wear Gauge™. In order to take advantage of SMARTSSD Wear Gauge™, Smart Array Firmware version 5.0 or greater is required and HP Array Configuration Utility (ACU) or HP Diagnostic Utility (ADU) must be running.

SNMP Storage Agents for both Microsoft® Windows® and Linux provide status and condition updates through traps, OS event logs and the HP System Management Homepage (http://h18013.www1.hp.com/products/servers/management/agents/index.html).

The HP SMARTSSD Wear Gauge™ requires a controller listed below (for pre-Gen8 servers) or a Gen8 Smart Array controller for HP ProLiant Gen8 servers.

- HP Smart Array P212 Controller
- HP Smart Array P410 Controller
- HP Smart Array P411 Controller
- HP Smart Array P711m Controller
- HP Smart Array P712m Controller
- HP Smart Array P812 Controller

NOTE: Subject to maximum usage/maximum supported lifetime limitations. Maximum Supported Lifetime is the period in years set to equal the warranty for the device. Maximum usage limit is the maximum amount of data that can be written to the device before reaching the device's write endurance limit.

HP Direct Connect to the HP Smart Array B110i SATA RAID Controller is not supported in this tool.

Data Retention

Data Retention is the period of time for retaining the data in the NAND once the maximum rated endurance level has occurred. These SSD's are rated for 3 months if no power is applied once the SSD has reached maximum rated write endurance.

Warranty

3/0/0 warranty; Customer Self Repair (CSR) subject to maximum usage limitations. Maximum usage limit: This is the maximum amount of data that can be written to the drive. Drives that have reached this limit will not be eligible for warranty coverage.

Service and Support

Service and Support	**HP Technology Services for ProLiant Servers** Capitalizing on HP ProLiant server capabilities requires a service partner who understands your increasingly complex business technology environment. That's why it makes sense to team up with the people who know HP infrastructure hardware and software best - the experienced professionals at HP Services. **Protect your business beyond warranty with HP Care Pack Services** HP Care Pack services offer complete care and support expertise with committed response choices designed to meet your IT and business needs. HP Foundation Care services offer scalable reactive support-packages for HP industry-standard servers and software. You can choose the type and level of service that is most suitable for your IT and business needs. HP Proactive Care delivers high levels of system availability through proactive service management and advanced technical response.

Recommended HP Care Pack Services for your HP product

Optimized Care	**3-Year HP 6 hour Call to Repair Response, Proactive Care** Combined reactive and proactive support for hardware and software helping optimize your systems and delivering high levels of availability through proactive service management and advanced technical response. Hardware problem resolution to return the hardware in operating condition within 6 hours of the initial service request. A Technical Account Manager, as your single point of contact, will own your call or issue end to end until resolved. http://h20195.www2.hp.com/v2/GetPDF.aspx/4AA3-8855EEE.pdf **HP Installation of ProLiant Add On Options Service** This easy-to-buy, easy-to-use HP Care Pack service helps ensure that your new HP hardware or software is installed smoothly, efficiently, and with minimal disruption of your IT and business.
Standard Care	**3-Year HP 24x7 4 hour response, Proactive Care Service** This service gives you combined reactive and proactive support including rapid access to our Advanced Solution Center to manage and prevent problems and a Technical Support Specialist with a broad level of technical knowledge that will engage with additional technical expertise as needed from HP's vast global resources. http://h20195.www2.hp.com/v2/GetPDF.aspx/4AA3-8855EEE.pdf **HP Installation of ProLiant Add On Options Service** This easy-to-buy, easy-to-use HP Care Pack service helps ensure that your new HP hardware or software is installed smoothly, efficiently, and with minimal disruption of your IT and business.

QuickSpecs

Service and Support

Related Services	**Proactive Care Personalized Support - Environmental Option** The Personalized Support option provides an assigned Account Support Manager who can bring best practices from across the industry plus extra technical skills to your IT team. This option is only available as an add-on to HP Proactive Care Support. **HP Proactive Select Service** Provides a flexible way to purchase HP best-in-class consultancy and technical services. You can buy Proactive Select Service Credits when you purchase your hardware and then use the credits over the next 12 months. http://h20195.www2.hp.com/V2/GetPDF.aspx/4AA2-3842ENN.pdf **NOTE:** Additional HP Care Pack services can be found at: http://hp.com/go/cpc
Insight Remote Support/Insight Online	HP Insight Remote Support provides 24 X 7 remote monitoring, proactive notifications, and problem resolution. This comes at no additional cost with your HP solution. Learn more about Insight Remote Support http://www.hp.com/go/insightremotesupport and Insight Online http://h18013.www1.hp.com/products/servers/management/insight-online/index.html **NOTE:** Insight Remote Support is a prerequisite for HP Proactive Care.
HP Support Center	Personalized online support portal with access to information, tools and experts to support HP business products. Submit support cases online, chat with HP experts, access support resources or collaborate with peers. Learn more http://www.hp.com/go/hpsc HP's Support Center Mobile App allows you to resolve issues yourself or quickly connect to an agent for live support. Now, you can get access to personalized IT support anywhere, anytime. HP Insight Remote Support and HP Support Center are available at no additional cost with a HP warranty, HP Care Pack or HP contractual support agreement. **NOTE:** HP Support Center Mobile App above is subject to local availability.
Parts and materials	HP will provide HP-supported replacement parts and materials necessary to maintain the covered hardware product in operating condition, including parts and materials for available and recommended engineering improvements. Parts and components that have reached their maximum supported lifetime and/or the maximum usage limitations as set forth in the manufacturer's operating manual, product QuickSpecs, or the technical product data sheet will not be provided, repaired, or replaced as part of these services.

Service and Support

Warranty / Service Coverage	For ProLiant servers and storage systems, the service on the main product covers HP-branded hardware options not designated by HP as requiring separate coverage, that are qualified for the server, purchased at the same time or afterward and internal to the enclosure. These items will be covered at the same service level and for the same coverage period as the server unless the maximum supported lifetime and/or the maximum usage limitation has been reached.

The defective media retention service feature option applies only to Disk or eligible SSD/Flash Drives replaced by HP due to malfunction. It does not apply Disk or SSD/Flash Drives that have not failed. SSD/Flash Drives that are specified by HP as consumable parts and/or that have reached maximum supported lifetime and/or the maximum usage limits as set forth in the manufacturer's operating manual, the product QuickSpecs, or the technical data sheet are not eligible for the defective media retention service feature option.

Subject to: Maximum supported lifetime: This is a period in years set to equal the warranty for the specific drive. After this period no further service coverage will be available for the drive. Maximum usage limit: This is the maximum amount of data that can be written to the drive. Drives that have reached this limit will not be eligible for services coverage.

For more information	To learn more on services for HP ESSN Options, please contact your HP sales representative or HP Authorized Channel Partner. Or visit: http://www.hp.com/services/proliant or www.hp.com/services/bladesystem

Technical Specifications

HP Solid State Drives

Application Information   Solid State Drives offer high performance, low latency, low power solutions that fit seamlessly into the HP server infrastructure using HP's universal hot plug drive carrier

NOTE: Any drive with SC in the product description is for Gen8 hot plug server bays servers only. They cannot be used in any other server generation.

HP SSD SAS Drives

12G SAS High Endurance Hot Plug SFF (2.5-inch) Enterprise Performance Solid State Drives

NOTE: Random Performance is based on a 4KiB transfer size at a queue of 16.

HP 800GB 12G SAS High Endurance SFF 2.5-in SC Enterprise Performance 3yr Wty Solid State Drive	741159-B21	**Capacity**	800GB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SAS	
		Transfer Rate Synchronous (Maximum)	12Gbps	
		Performance	Rotational Speed	N/A
			Random Reads	87,000 IOP/s
			Random Writes	73,000 IOP/s
			Sequential Reads	1,000 MiB/s
			Sequential Writes	560 MiB/s
		Physical Configuration	Logical Blocks	512 bytes
		Power	9W	
		Operating Temperature	0-60°C	

HP 800GB 12G SAS High Endurance SFF 2.5-in Enterprise Performance 3yr Wty Solid State Drive	741157-B21	**Capacity**	800GB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SAS	
		Transfer Rate Synchronous (Maximum)	12Gbps	
		Performance	Rotational Speed	N/A
			Random Reads	87,000 IOP/s
			Random Writes	73,000 IOP/s
			Sequential Reads	1,000 MiB/s
			Sequential Writes	560 MiB/s
		Physical Configuration	Logical Blocks	512 bytes
		Power	9W	
		Operating Temperature	0-60°C	

Technical Specifications

HP 400GB 12G SAS High Endurance SFF 2.5-in SC Enterprise Performance 3yr Wty Solid State Drive	741155-B21	**Capacity**	400GB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SAS	
		Transfer Rate Synchronous (Maximum)	12Gbps	
		Performance	Rotational Speed	N/A
			Random Reads	86,000 IOP/s
			Random Writes	73,000 IOP/s
			Sequential Reads	960 MiB/s
			Sequential Writes	585 MiB/s
		Physical Configuration	Logical Blocks	512 bytes
		Power	9W	
		Operating Temperature	0-60°C	

HP 400GB 12G SAS High Endurance SFF 2.5-in Enterprise Performance 3yr Wty Solid State Drive	741153-B21	**Capacity**	400GB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SAS	
		Transfer Rate Synchronous (Maximum)	12Gbs	
		Performance	Rotational Speed	N/A
			Random Reads	86,000 IOP/s
			Random Writes	73,000 IOP/s
			Sequential Reads	960 MiB/s
			Sequential Writes	585 MiB/s
		Physical Configuration	Logical Blocks	512 bytes
		Power	9W	
		Operating Temperature	0-60°C	

Technical Specifications

HP 200GB 12G SAS High Endurance SFF 2.5-in SC Enterprise Performance 3yr Wty Solid State Drive	**741151-B21**	**Capacity**	200GB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SAS	
		Transfer Rate Synchronous (Maximum)	12Gbs	
		Performance	Rotational Speed	N/A
			Random Reads	84,000 IOP/s
			Random Writes	66,000 IOP/s
			Sequential Reads	960 MiB/s
			Sequential Writes	520 MiB/s
		Physical Configuration	Logical Blocks	512 bytes
		Power	9W	
		Operating Temperature	0-60°C	

HP 200GB 12G SAS High Endurance SFF 2.5-in Enterprise Performance 3yr Wty Solid State Drive	**741148-B21**	**Capacity**	200GB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	12Gbs	
		Performance	Rotational Speed	N/A
			Random Reads	84,000 IOP/s
			Random Writes	66,000 IOP/s
			Sequential Reads	960 MiB/s
			Sequential Writes	520 MiB/s
		Physical Configuration	Logical Blocks	512 bytes
		Power	9W	
		Operating Temperature	0-60°C	

Technical Specifications

12G SAS Mainstream Endurance Hot Plug SFF (2.5-inch) Enterprise Mainstream Solid State Drives

NOTE: Random Performance is based on a 4KiB transfer size at a queue of 16.

HP 800GB 12G SAS Mainstream Endurance SFF 2.5-in SC Enterprise Mainstream 3yr Wty Solid State Drive	741146-B21	**Capacity**	800GB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SAS	
		Transfer Rate Synchronous (Maximum)	12Gbs	
		Performance	Rotational Speed	N/A
			Random Reads	87,000 IOP/s
			Random Writes	58,000 IOP/s
			Sequential Reads	1,000 MiB/s
			Sequential Writes	570 MiB/s
		Physical Configuration	Logical Blocks	512 bytes
		Power	9W	
		Operating Temperature	0-60°C	

HP 800GB 12G SAS Mainstream Endurance SFF 2.5-in Enterprise Mainstream 3yr Wty Solid State Drive	741144-B21	**Capacity**	800GB	
		Height	15mm	
		Length x Width	Standard LFF	
		Interface	SAS	
		Transfer Rate Synchronous (Maximum)	12Gbs	
		Performance	Rotational Speed	N/A
			Random Reads	87,000 IOP/s
			Random Writes	58,000 IOP/s
			Sequential Reads	1,000 MiB/s
			Sequential Writes	570 MiB/s
		Physical Configuration	Logical Blocks	512 bytes
		Power	9W	
		Operating Temperature	0-60°C	

Technical Specifications

HP 400GB 12G SAS Mainstream Endurance SFF 2.5-in SC Enterprise Mainstream 3yr Wty Solid State Drive	**741142-B21**	**Capacity**	400GB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SAS	
		Transfer Rate Synchronous (Maximum)	12Gbs	
		Performance	Rotational Speed	N/A
			Random Reads	86,000 IOP/s
			Random Writes	58,000 IOP/s
			Sequential Reads	1,000 MiB/s
			Sequential Writes	625 MiB/s
		Physical Configuration	Logical Blocks	512 bytes
		Power	9W	
		Operating Temperature	0-60°C	

HP 400GB 12G SAS Mainstream Endurance SFF 2.5-in Enterprise Mainstream 3yr Wty Solid State Drive	**741140-B21**	**Capacity**	400GB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SAS	
		Transfer Rate Synchronous (Maximum)	12Gbs	
		Performance	Rotational Speed	N/A
			Random Reads	86,000 IOP/s
			Random Writes	58,000 IOP/s
			Sequential Reads	1,000 MiB/s
			Sequential Writes	625 MiB/s
		Physical Configuration	Logical Blocks	512 bytes
		Power	9W	
		Operating Temperature	0-60°C	

Technical Specifications

HP 200GB 12G SAS Mainstream Endurance SFF 2.5-in SC Enterprise Mainstream 3yr Wty Solid State Drive	**741138-B21**	**Capacity**	200GB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SAS	
		Transfer Rate Synchronous (Maximum)	12Gbs	
		Performance	Rotational Speed	N/A
			Random Reads	84,000 IOP/s
			Random Writes	42,000 IOP/s
			Sequential Reads	1,000 MiB/s
			Sequential Writes	450 MiB/s
		Physical Configuration	Logical Blocks	512 bytes
		Power	9W	
		Operating Temperature	0-60°C	

HP 200GB 12G SAS Mainstream Endurance SFF 2.5-in Enterprise Mainstream 3yr Wty Solid State Drive	**741136-B21**	**Capacity**	200GB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SAS	
		Transfer Rate Synchronous (Maximum)	12Gbs	
		Performance	Rotational Speed	N/A
			Random Reads	84,000 IOP/s
			Random Writes	42,000 IOP/s
			Sequential Reads	1,000 MiB/s
			Sequential Writes	450 MiB/s
		Physical Configuration	Logical Blocks	512 bytes
		Power	9W	
		Operating Temperature	0-60°C	

Technical Specifications

HP SSD SATA Drives

6G SATA Value Endurance Hot Plug SFF (2.5-inch) Enterprise Boot Solid State Drives

NOTE: The 80GB and 120GB Enterprise Boot SSDs with Endurance Manager enabled are targeted for Boot/Swap applications and may have performance throttled due to write workloads. Write performance shown for 80GB and 120GB Enterprise Boot SSDs is based on no endurance throttling.

NOTE: Random Performance is based on a 4KiB transfer size at a queue of 16.

HP 120GB 6G SATA Value Endurance SFF 2.5-in SC Enterprise Boot 3yr Wty Solid State Drive	717965-B21			
		Capacity	120GB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Random Reads	64,000 IOP/s
			Random Writes	4,700 IOP/s
			Sequential Reads	410 MiB/s
			Sequential Writes	130 MiB/s
		Physical Configuration	Logical Blocks	512 bytes
		Power	9W	
		Operating Temperature	0-60°C	

HP 120GB 6G SATA Value Endurance SFF 2.5-in Enterprise Boot 3yr Wty Solid State Drive	728726-B21			
		Capacity	120GB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Random Reads	64,000 IOP/s
			Random Writes	4,700 IOP/s
			Sequential Reads	410 MiB/s
			Sequential Writes	130 MiB/s
		Physical Configuration	Logical Blocks	512 bytes
		Power	9W	
		Operating Temperature	0-60°C	

Technical Specifications

HP 80GB 6G SATA Value Endurance SFF 2.5-in SC Enterprise Boot 3yr Wty Solid State Drive	**734360-B21**	**Capacity**	80GB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Random Reads	59,000 IOP/s
			Random Writes	7,700 IOPS
			Sequential Reads	335MiB/s
			Sequential Writes	100 MiB/s
		Physical Configuration	Logical Blocks	512 bytes
		Power	9W	
		Operating Temperature	0-60°C	

HP 80GB 6G SATA Value Endurance SFF 2.5-in Enterprise Boot 3yr Wty Solid State Drive	**734366-B21**	**Capacity**	80GB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Random Reads	59,000 IOP/s
			Random Writes	7,700 IOPS
			Sequential Reads	335MiB/s
			Sequential Writes	100 MiB/s
		Physical Configuration	Logical Blocks	512 bytes
		Power	9W	
		Operating Temperature	0-60°C	

Technical Specifications

6G SATA Value Endurance Hot Plug LFF (3.5-inch) Enterprise Boot Solid State Drives

NOTE: The 80GB and 120GB Enterprise Boot SSDs with Endurance Manager enabled are targeted for Boot/Swap applications and may have performance throttled due to write workloads. Write performance shown for 80GB and 120GB Enterprise Boot SSDs is based on no endurance throttling.

NOTE: Random Performance is based on a 4KiB transfer size at a queue of 16.

HP 120GB 6G SATA Value Endurance LFF 3.5-in SC Enterprise Boot 3yr Wty Solid State Drive	**718171-B21**			
		Capacity	120GB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Random Reads	64,000 IOP/s
			Random Writes	4,700 IOP/s
			Sequential Reads	410 MiB/s
			Sequential Writes	130 MiB/s
		Physical Configuration	Logical Blocks	512 bytes
		Power	9W	
		Operating Temperature	0-60°C	

HP 120GB 6G SATA Value Endurance LFF 3.5-in Enterprise Boot 3yr Wty Solid State Drive	**728732-B21**			
		Capacity	120GB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Random Reads	64,000 IOP/s
			Random Writes	4,700 IOP/s
			Sequential Reads	410 MiB/s
			Sequential Writes	130 MiB/s
		Physical Configuration	Logical Blocks	512 bytes
		Power	9W	
		Operating Temperature	0-60°C	

Technical Specifications

HP 80GB 6G SATA Value Endurance LFF 3.5-in SC Enterprise Boot 3yr Wty Solid State Drive	734362-B21			
		Capacity	80GB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Random Reads	59,000 IOP/s
			Random Writes	7,700 IOPS
			Sequential Reads	335MiB/s
			Sequential Writes	100 MiB/s
		Physical Configuration	Logical Blocks	512 bytes
		Power	9W	
		Operating Temperature	0-60°C	

HP 80GB 6G SATA Value Endurance LFF 3.5-in Enterprise Boot 3yr Wty Solid State Drive	734368-B21			
		Capacity	80GB	
		Height	15mm	
		Length x Width	Standard LFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Random Reads	59,000 IOP/ s
			Random Writes	7,700 IOPS
			Sequential Reads	335MiB/s
			Sequential Writes	100 MiB/s
		Physical Configuration	Logical Blocks	512 bytes
		Power	9W	
		Operating Temperature	0-60°C	

Technical Specifications

6G SATA Value Endurance Hot Plug SFF (2.5-inch) Enterprise Value Solid State Drives

NOTE: Random Performance is based on a 4KiB transfer size at a queue of 16.

HP 800GB 6G SATA Value Endurance SFF 2.5-in SC Enterprise Value 3yr Wty Solid State Drive	**717973-B21**	**Capacity**	800GB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Random Reads	64,000 IOP/s
			Random Writes (Write Cache Off)	12,000 IOP/s
			Sequential Reads	480MiB/s
			Sequential Writes (Write Cache off)	445 MiB/s
		Physical Configuration	Logical Blocks	512 bytes
		Power	9W	
		Operating Temperature	0-60°C	

HP 800GB 6G SATA Value Endurance SFF 2.5-in Enterprise Value 3yr Wty Solid State Drive	**728743-B21**	**Capacity**	800GB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Random Reads	64,000 IOP/s
			Random Writes (Write Cache Off)	12,000 IOP/s
			Sequential Reads	480 MiB/s
			Sequential Writes (Write Cache off)	445 MiB/s
		Physical Configuration	Logical Blocks	512 bytes
		Power	9W	
		Operating Temperature	0-60°C	

Technical Specifications

HP 600GB 6G SATA Value Endurance SFF 2.5-in SC Enterprise Value 3yr Wty Solid State Drive	739898-B21			
		Capacity	600GB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Random Reads	61,000 IOP/s
			Random Writes (Write Cache Off)	15,000 IOP/s
			Sequential Reads	475 MiB/s
			Sequential Writes (Write Cache off)	435 MiB/s
		Physical Configuration	Logical Blocks	512 bytes
		Power	9W	
		Operating Temperature	0-60°C	

HP 600GB 6G SATA Value Endurance SFF 2.5-in Enterprise Value 3yr Wty Solid State Drive	739904-B21			
		Capacity	600GB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Random Reads	61,000 IOP/s
			Random Writes (Write Cache Off)	15,000 IOP/s
			Sequential Reads	475 MiB/s
			Sequential Writes (Write Cache off)	435 MiB/s
		Physical Configuration	Logical Blocks	512 bytes
		Power	9W	
		Operating Temperature	0-60°C	

Technical Specifications

HP 480GB 6G SATA Value Endurance SFF 2.5-in SC Enterprise Value 3yr Wty Solid State Drive	**717971-B21**	**Capacity**	480GB	
		Height	15mm	
		Length x Width	Standard LFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Random Reads	64,000 IOP/s
			Random Writes (Write Cache Off)	10,000 IOP/s
			Sequential Reads	480MiB/s
			Sequential Writes (Write Cache off)	400 MiB/s
		Physical Configuration	Logical Blocks	512 bytes
		Power	9W	
		Operating Temperature	0-60°C	

HP 480GB 6G SATA Value Endurance SFF 2.5-in Enterprise Value 3yr Wty Solid State Drive	**728739-B21**	**Capacity**	480GB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Random Reads	64,000 IOP/s
			Random Writes (Write Cache Off)	10,000 IOP/s
			Sequential Reads	480 MiB/s
			Sequential Writes (Write Cache off)	400 MiB/s
		Physical Configuration	Logical Blocks	512 bytes
		Power	9W	
		Operating Temperature	0-60°C	

Technical Specifications

HP 300GB 6G SATA Value Endurance SFF 2.5-in SC Enterprise Value 3yr Wty Solid State Drive	**739888-B21**	**Capacity**	300GB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Random Reads	61,000 IOP/s
			Random Writes (Write Cache Off)	9,200 IOP/s
			Sequential Reads	475 MiB/s
			Sequential Writes (Write Cache off)	300 MiB/s
		Physical Configuration	Logical Blocks	512 bytes
		Power	9W	
		Operating Temperature	0-60°C	

HP 300GB 6G SATA Value Endurance SFF 2.5-in Enterprise Value 3yr Wty Solid State Drive	**739894-B21**	**Capacity**	300GB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Random Reads	61,000 IOP/s
			Random Writes (Write Cache Off)	9,200 IOP/s
			Sequential Reads	475 MiB/s
			Sequential Writes (Write Cache off)	300 MiB/s
		Physical Configuration	Logical Blocks	512 bytes
		Power	9W	
		Operating Temperature	0-60°C	

QuickSpecs

Technical Specifications

HP 240GB 6G SATA Value Endurance SFF 2.5-in SC Enterprise Value 3yr Wty Solid State Drive	**717969-B21**	**Capacity**	240GB	
		Height	15mm	
		Length x Width	Standard LFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Random Reads	64,000 IOP/s
			Random Writes (Write Cache Off)	8,000 IOP/s
			Sequential Reads	475 MiB/s
			Sequential Writes (Write Cache off)	250 MiB/s
		Physical Configuration	Logical Blocks	512 bytes
		Power	9W	
		Operating Temperature	0-60°C	

HP 240GB 6G SATA Value Endurance SFF 2.5-in Enterprise Value 3yr Wty Solid State Drive	**728735-B21**	**Capacity**	240GB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Random Reads	64,000 IOP/s
			Random Writes (Write Cache Off)	8,000 IOP/s
			Sequential Reads	475 MiB/s
			Sequential Writes (Write Cache off)	250 MiB/s
		Physical Configuration	Logical Blocks	512 bytes
		Power	9W	
		Operating Temperature	0-60°C	

Technical Specifications

6G SATA Value Endurance Hot Plug LFF (3.5-inch) Enterprise Value Solid State Drives

NOTE: Random Performance is based on a 4KiB transfer size at a queue of 16.

HP 800GB 6G SATA Value Endurance LFF 3.5-in SC Enterprise Value 3yr Wty Solid State Drive	718189-B21	**Capacity**	800GB	
		Height	15mm	
		Length x Width	Standard LFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Random Reads	64,000 IOP/s
			Random Writes (Write Cache Off)	12,000 IOP/s
			Sequential Reads	480 MiB/s
			Sequential Writes (Write Cache off)	445 MiB/s
		Physical Configuration	Logical Blocks	512 bytes
		Power	9W	
		Operating Temperature	0-60°C	

HP 800GB 6G SATA Value Endurance LFF 3.5-in Enterprise Value 3yr Wty Solid State Drive	728745-B21	**Capacity**	800GB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Random Reads	64,000 IOP/s
			Random Writes (Write Cache Off)	12,000 IOP/s
			Sequential Reads	480 MiB/s
			Sequential Writes (Write Cache off)	445 MiB/s
		Physical Configuration	Logical Blocks	512 bytes
		Power	9W	
		Operating Temperature	0-60°C	

Technical Specifications

HP 600GB 6G SATA Value Endurance LFF 3.5-in SC Enterprise Value 3yr Wty Solid State Drive	**739900-B21**	**Capacity**	600GB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Random Reads	61,000 IOP/s
			Random Writes (Write Cache Off)	15,000 IOP/s
			Sequential Reads	475 MiB/s
			Sequential Writes (Write Cache off)	435 MiB/s
		Physical Configuration	Logical Blocks	512 bytes
		Power	9W	
		Operating Temperature	0-60°C	

HP 600GB 6G SATA Value Endurance LFF 3.5-in Enterprise Value 3yr Wty Solid State Drive	**739906-B21**	**Capacity**	600GB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Random Reads	61,000 IOP/s
			Random Writes (Write Cache Off)	15,000 IOP/s
			Sequential Reads	475 MiB/s
			Sequential Writes (Write Cache off)	435 MiB/s
		Physical Configuration	Logical Blocks	512 bytes
		Power	9W	
		Operating Temperature	0-60°C	

Technical Specifications

HP 480GB 6G SATA Value Endurance LFF 3.5-in SC Enterprise Value 3yr Wty Solid State Drive	**718183-B21**	**Capacity**	480GB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Random Reads	64,000 IOP/s
			Random Writes (Write Cache Off)	10,000 IOP/s
			Sequential Reads	480 MiB/s
			Sequential Writes (Write Cache off)	400 MiB/s
		Physical Configuration	Logical Blocks	512 bytes
		Power	9W	
		Operating Temperature	0-60°C	

HP 480GB 6G SATA Value Endurance LFF 3.5-in Enterprise Value 3yr Wty Solid State Drive	**728741-B21**	**Capacity**	480GB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Random Reads	64,000 IOP/s
			Random Writes (Write Cache Off)	10,000 IOP/s
			Sequential Reads	480 MiB/s
			Sequential Writes (Write Cache off)	400 MiB/s
		Physical Configuration	Logical Blocks	512 bytes
		Power	9W	
		Operating Temperature	0-60°C	

Technical Specifications

HP 300GB 6G SATA Value Endurance LFF 3.5-in SC Enterprise Value 3yr Wty Solid State Drive	739890-B21	Capacity	300GB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Random Reads	61,000 IOP/s
			Random Writes (Write Cache Off)	9,200 IOP/s
			Sequential Reads	475 MiB/s
			Sequential Writes (Write Cache off)	300 MiB/s
		Physical Configuration	Logical Blocks	512 bytes
		Power	9W	
		Operating Temperature	0-60°C	

HP 300GB 6G SATA Value Endurance LFF 3.5-in Enterprise Value 3yr Wty Solid State Drive	739896-B21	Capacity	300GB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Random Reads	61,000 IOP/s
			Random Writes (Write Cache Off)	9,200 IOP/s
			Sequential Reads	475 MiB/s
			Sequential Writes (Write Cache off)	300 MiB/s
		Physical Configuration	Logical Blocks	512 bytes
		Power	9W	
		Operating Temperature	0-60°C	

Technical Specifications

HP 240GB 6G SATA Value Endurance LFF 3.5-in SC Enterprise Value 3yr Wty Solid State Drive	**718177-B21**	**Capacity**	240GB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Random Reads	64,000 IOP/s
			Random Writes (Write Cache Off)	8,000 IOP/s
			Sequential Reads	475 MiB/s
			Sequential Writes (Write Cache off)	250 MiB/s
		Physical Configuration	Logical Blocks	512 bytes
		Power	9W	
		Operating Temperature	0-60°C	

HP 240GB 6G SATA Value Endurance LFF 3.5-in Enterprise Value 3yr Wty Solid State Drive	**728737-B21**	**Capacity**	240GB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Random Reads	64,000 IOP/s
			Random Writes (Write Cache Off)	8,000 IOP/s
			Sequential Reads	475 MiB/s
			Sequential Writes (Write Cache off)	250 MiB/s
		Physical Configuration	Logical Blocks	512 bytes
		Power	9W	
		Operating Temperature	0-60°C	

Technical Specifications

6G SATA ME Hot Plug SFF (2.5-inch) Enterprise Mainstream Solid State Drives

HP 800GB 6G SATA Mainstream Endurance SFF 2.5-in SC Enterprise Mainstream 3yr Wty Solid State Drive   691868-B21

Capacity	800GB	
Height	15mm	
Length x Width	Standard SFF	
Interface	SATA	
Transfer Rate Synchronous (Maximum)	6Gbps	
Performance	Rotational Speed	N/A
	Random Reads	61,000 IOP/s
	Random Writes (Write Cache Off)	35,000 IOP/s
	Sequential Reads	480MiB/s
	Sequential Writes (Write Cache off)	450MiB/s
Physical Configuration	Logical Blocks	512 bytes
Power	9W	
Operating Temperature	0-60°C	

HP 400GB 6G SATA Mainstream Endurance SFF 2.5-in SC Enterprise Mainstream 3yr Wty Solid State Drive   691866-B21

Capacity	400GB	
Height	15mm	
Length x Width	Standard SFF	
Interface	SATA	
Transfer Rate Synchronous (Maximum)	6Gbps	
Performance	Rotational Speed	N/A
	Random Reads	63,000 IOP/s
	Random Writes (Write Cache Off)	35,000 IOP/s
	Sequential Reads	480MiB/s
	Sequential Writes (Write Cache off)	450MiB/s
Physical Configuration	Logical Blocks	512 bytes
Power	9W	
Operating Temperature	0-60°C	

Technical Specifications

HP 200GB 6G SATA Mainstream Endurance SFF 2.5-in SC Enterprise Mainstream 3yr Wty Solid State Drive	691864-B21	**Capacity**	200GB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Random Reads	63,000 IOP/s
			Random Writes (Write Cache Off)	32,000 IOP/s
			Sequential Reads	480MiB/s
			Sequential Writes (Write Cache off)	350MiB/s
		Physical Configuration	Logical Blocks	512 bytes
		Power	9W	
		Operating Temperature	0-60°C	

HP 100GB 6G SATA Mainstream Endurance SFF 2.5-in SC Enterprise Mainstream 3yr Wty Solid State Drive	691862-B21	**Capacity**	100GB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Random Reads	63,000 IOP/s
			Random Writes (Write Cache Off)	19,200 IOP/s
			Sequential Reads	480MiB/s
			Sequential Writes (Write Cache off)	185MiB/s
		Physical Configuration	Logical Blocks	512 bytes
		Power	9W	
		Operating Temperature	0-60°C	

Technical Specifications

6G SATA ME Hot Plug LFF (3.5-inch) Enterprise Mainstream Solid State Drives

HP 800GB 6G SATA Mainstream Endurance LFF 3.5-in SC Enterprise Mainstream 3yr Wty Solid State Drive	691860-B21	**Capacity**	800GB	
		Height	15mm	
		Length x Width	Standard LFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Random Reads	61,000 IOP/s
			Random Writes (Write Cache Off)	35,000 IOP/s
			Sequential Reads	480MiB/s
			Sequential Writes (Write Cache off)	450MiB/s
		Physical Configuration	Logical Blocks	512 bytes
		Power	9W	
		Operating Temperature	0-60°C	

HP 400GB 6G SATA Mainstream Endurance LFF 3.5-in SC Enterprise Mainstream 3yr Wty Solid State Drive	691856-B21	**Capacity**	400GB	
		Height	15mm	
		Length x Width	Standard LFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Random Reads	63,000 IOP/s
			Random Writes (Write Cache Off)	35,000 IOP/s
			Sequential Reads	480MiB/s
			Sequential Writes (Write Cache off)	450MiB/s
		Physical Configuration	Logical Blocks	512 bytes
		Power	9W	
		Operating Temperature	0-60°C	

Technical Specifications

HP 200GB 6G SATA Mainstream Endurance LFF 3.5-in SC Enterprise Mainstream 3yr Wty Solid State Drive	691854-B21	**Capacity**	200GB	
		Height	15mm	
		Length x Width	Standard LFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Random Reads	63,000 IOP/s
			Random Writes (Write Cache Off)	32,000 IOP/s
			Sequential Reads	480MiB/s
			Sequential Writes (Write Cache off)	350MiB/s
		Physical Configuration	Logical Blocks	512 bytes
		Power	9W	
		Operating Temperature	0-60°C	

HP 100GB 6G SATA Mainstream Endurance LFF 3.5-in SC Enterprise Mainstream 3yr Wty Solid State Drive	691852-B21	**Capacity**	100GB	
		Height	15mm	
		Length x Width	Standard LFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Random Reads	63,000 IOP/s
			Random Writes (Write Cache Off)	19,200 IOP/s
			Sequential Reads	480MiB/s
			Sequential Writes (Write Cache off)	185MiB/s
		Physical Configuration	Logical Blocks	512 bytes
		Power	9W	
		Operating Temperature	0-60°C	

Technical Specifications

6G SATA ME Hot Plug SFF (2.5-inch) Enterprise Mainstream Solid State Drives

HP 800GB 6G SATA Mainstream Endurance SFF 2.5-in Enterprise Mainstream 3yr Wty Solid State Drive

730065-B21

Capacity	800GB	
Height	15mm	
Length x Width	Standard SFF	
Interface	SATA	
Transfer Rate Synchronous (Maximum)	6Gbps	
Performance	Rotational Speed	N/A
	Random Reads	61,000 IOP/s
	Random Writes (Write Cache Off)	35,000 IOP/s
	Sequential Reads	480MiB/s
	Sequential Writes (Write Cache off)	450MiB/s
Physical Configuration	Logical Blocks	512 bytes
Power	9W	
Operating Temperature	0-60°C	

HP 400GB 6G SATA Mainstream Endurance SFF 2.5-in Enterprise Mainstream 3yr Wty Solid State Drive

730063-B21

Capacity	400GB	
Height	15mm	
Length x Width	Standard SFF	
Interface	SATA	
Transfer Rate Synchronous (Maximum)	6Gbps	
Performance	Rotational Speed	N/A
	Random Reads	63,000 IOP/s
	Random Writes (Write Cache Off)	35,000 IOP/s
	Sequential Reads	480MiB/s
	Sequential Writes (Write Cache off)	450MiB/s
Physical Configuration	Logical Blocks	512 bytes
Power	9W	
Operating Temperature	0-60°C	

Technical Specifications

HP 200GB 6G SATA Mainstream Endurance SFF 2.5-in Enterprise Mainstream 3yr Wty Solid State Drive	**730061-B21**	**Capacity**	200GB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Random Reads	63,000 IOP/s
			Random Writes (Write Cache Off)	32,000 IOP/s
			Sequential Reads	480MiB/s
			Sequential Writes (Write Cache off)	350MiB/s
		Physical Configuration	Logical Blocks	512 bytes
		Power	9W	
		Operating Temperature	0-60°C	

HP 100GB 6G SATA Mainstream Endurance SFF 2.5-in Enterprise Mainstream 3yr Wty Solid State Drive	**730059-B21**	**Capacity**	100GB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Random Reads	63,000 IOP/s
			Random Writes (Write Cache Off)	19,200 IOP/s
			Sequential Reads	480MiB/s
			Sequential Writes (Write Cache off)	185MiB/s
		Physical Configuration	Logical Blocks	512 bytes
		Power	9W	
		Operating Temperature	0-60°C	

QuickSpecs

Technical Specifications

HP SSD SAS Drives

6G SAS ME Hot Plug SFF (2.5-inch) Enterprise Mainstream Solid State Drives

HP 800GB 6G SAS Mainstream Endurance SFF 2.5-in SC Enterprise Mainstream 3yr Wty Solid State Drive — 690829-B21

Capacity	800GB	
Height	15mm	
Length x Width	Standard SFF	
Interface	SAS	
Transfer Rate Synchronous (Maximum)	6Gbps	
Performance	Rotational Speed	N/A
	Random Reads	51,700 IOP/s
	Random Writes (Write Cache Off)	13,000 IOP/s
	Sequential Reads	422MiB/s
	Sequential Writes (Write Cache off)	175MiB/s
Physical Configuration	Logical Blocks	512 bytes
Power	9W	
Operating Temperature	0-60°C	

HP 800GB 6G SAS Mainstream Endurance SFF 2.5-in Enterprise Mainstream 3yr Warranty Solid State Drive — 690823-B21

Capacity	800GB	
Height	15mm	
Length x Width	Standard SFF	
Interface	SAS	
Transfer Rate Synchronous (Maximum)	6Gbps	
Performance	Rotational Speed	N/A
	Random Reads	51,700 IOP/s
	Random Writes	13,000 IOP/s
	Sequential Reads	422MiB/s
	Sequential Writes	175MiB/s
Physical Configuration	Logical Blocks	512 bytes
Power	9W	
Operating Temperature	0-60°C	

Technical Specifications

HP 400GB 6G SAS Mainstream Endurance SFF 2.5-in SC Enterprise Mainstream 3yr Wty Solid State Drive	690827-B21	**Capacity**	400GB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SAS	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Random Reads	46,200 IOP/s
			Random Writes (Write Cache Off)	9,800 IOP/s
			Sequential Reads	370MiB/s
			Sequential Writes (Write Cache off)	150MiB/s
		Physical Configuration	Logical Blocks	512 bytes
		Power	9W	
		Operating Temperature	0-60°C	

HP 400GB 6G SAS Mainstream Endurance SFF 2.5-in Enterprise Mainstream 3yr Warranty Solid State Drive	690821-B21	**Capacity**	400GB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SAS	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Random Reads	46,200 IOP/s
			Random Writes	9,800 IOP/s
			Sequential Reads	370MiB/s
			Sequential Writes	150MiB/s
		Physical Configuration	Logical Blocks	512 bytes
		Power	9W	
		Operating Temperature	0-60°C	

Technical Specifications

HP 200GB 6G SAS Mainstream Endurance SFF 2.5-in SC Enterprise Mainstream 3yr Wty Solid State Drive	690825-B21	**Capacity**	200GB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SAS	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Random Reads	46,200 IOP/s
			Random Writes (Write Cache Off)	9,800 IOP/s
			Sequential Reads	370MiB/s
			Sequential Writes (Write Cache off)	150MiB/s
		Physical Configuration	Logical Blocks	512 bytes
		Power	9W	
		Operating Temperature	0-60°C	

HP 200GB 6G SAS Mainstream Endurance SFF 2.5-in Enterprise Mainstream 3yr Warranty Solid State Drive	690819-B21	**Capacity**	200GB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SAS	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Random Reads	46,200 IOP/s
			Random Writes	9,800 IOP/s
			Sequential Reads	370MiB/s
			Sequential Writes	150MiB/s
		Physical Configuration	Logical Blocks	512 bytes
		Power	9W	
		Operating Temperature	0-60°C	

Technical Specifications

6G SAS SLC Hot Plug SFF (2.5-inch) Enterprise Performance Solid State Drives

HP 400GB 6G SAS SLC SFF (2.5-inch) SC Enterprise Performance 3yr Warranty Solid State Drive	653082-B21	**Capacity**	400GB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SAS	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Random Reads	40,000 IOP/s
			Random Writes	14.5K IOP/s
			Sequential Reads	415MiB/s
			Sequential Writes	180MiB/s
		Physical Configuration	Logical Blocks	512 bytes
		Power	9W	
		Operating Temperature	0-60°C	

HP 400GB 6G SAS SLC SFF (2.5-inch) Enterprise Performance 3yr Warranty Solid State Drive	632494-B21	**Capacity**	400GB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SAS	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Random Reads	40,000 IOP/s
			Random Writes (Write Cache Off)	14.5K IOP/s
			Sequential Reads	415MiB/s
			Sequential Writes (Write Cache off)	180MiB/s
		Physical Configuration	Logical Blocks	512 bytes
		Power	9W	
		Operating Temperature	0-60°C	

Technical Specifications

HP 200GB 6G SAS SLC SFF (2.5-inch) SC Enterprise Performance 3yr Warranty Solid State Drive	653078-B21	Capacity	200GB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SAS	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Random Reads	40,000 IOP/s
			Random Writes	14.5K IOP/s
			Sequential Reads	415MiB/s
			Sequential Writes	180MiB/s
		Physical Configuration	Logical Blocks	512 bytes
		Power	9W	
		Operating Temperature	0-60°C	

HP 200GB 6G SAS SLC SFF (2.5-inch) Enterprise Performance 3yr Warranty Solid State Drive	632492-B21	Capacity	200GB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SAS	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Random Reads	40,000 IOP/s
			Random Writes (Write Cache Off)	13,000 IOP/s
			Sequential Reads	350MiB/s
			Sequential Writes (Write Cache off)	160MiB/s
		Physical Configuration	Logical Blocks	512 bytes
		Power	9W	
		Operating Temperature	0-60°C	

Technical Specifications

HP SSD SATA Quick Release Drives

6G SATA Value Endurance Quick Release (2.5-inch) Enterprise Boot Solid State Drives

NOTE: The 80GB and 120GB Enterprise Boot SSDs with Endurance Manager enabled are targeted for Boot/Swap applications and may have performance throttled due to write workloads. Write performance shown for 80GB and 120GB Enterprise Boot SSDs is based on no endurance throttling.

NOTE: Random Performance is based on a 4KiB transfer size at a queue of 16.

HP 120GB 6G SATA Value Endurance SFF 2.5-in Quick-release Enterprise Boot 3yr Wty Solid State Drive	**718174-B21**	**Capacity**	120GB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Random Reads	64,000 IOP/s
			Random Writes	4,700 IOP/s
			Sequential Reads	410 MiB/s
			Sequential Writes	130 MiB/s
		Physical Configuration	Logical Blocks	512 bytes
		Power	9W	
		Operating Temperature	0-60°C	

HP 80GB 6G SATA Value Endurance SFF 2.5-in Quick-release Enterprise Boot 3yr Wty Solid State Drive	**734364-B21**	**Capacity**	80GB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Random Reads	59,000 IOP/s
			Random Writes	7,700 IOPS
			Sequential Reads	335MiB/s
			Sequential Writes	100 MiB/s
		Physical Configuration	Logical Blocks	512 bytes
		Power	9W	
		Operating Temperature	0-60°C	

Technical Specifications

6G SATA Value Endurance Quick Release SFF (2.5-inch) Enterprise Value Solid State Drives

NOTE: Random Performance is based on a 4KiB transfer size at a queue of 16.

HP 800GB 6G SATA Value Endurance SFF 2.5-in Quick-release Enterprise Value 3y Wty Solid State Drive	**718192-B21**			
		Capacity	800GB	
		Height	15mm	
		Length x Width	Standard LFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Random Reads	64,000 IOP/s
			Random Writes (Write Cache Off)	12,000 IOP/s
			Sequential Reads	480 MiB/s
			Sequential Writes (Write Cache off)	445 MiB/s
		Physical Configuration	Logical Blocks	512 bytes
		Power	9W	
		Operating Temperature	0-60°C	

HP 600GB 6G SATA Value Endurance SFF 2.5-in Quick-release Enterprise Value 3yr Wty Solid State Drive	**739902-B21**			
		Capacity	600GB	
		Height	15mm	
		Length x Width	Standard LFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Random Reads	61,000 IOP/s
			Random Writes (Write Cache Off)	15,000 IOP/s
			Sequential Reads	475 MiB/s
			Sequential Writes (Write Cache off)	435 MiB/s
		Physical Configuration	Logical Blocks	512 bytes
		Power	9W	
		Operating Temperature	0-60°C	

Technical Specifications

HP 480GB 6G SATA Value Endurance SFF 2.5-in Quick-release Enterprise Value 3yr Wty Solid State Drive	718186-B21	Capacity	480GB	
		Height	15mm	
		Length x Width	Standard LFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Random Reads	64,000 IOP/s
			Random Writes (Write Cache Off)	10,000 IOP/s
			Sequential Reads	480 MiB/s
			Sequential Writes (Write Cache off)	400 MiB/s
		Physical Configuration	Logical Blocks	512 bytes
		Power	9W	
		Operating Temperature	0-60°C	

HP 300GB 6G SATA Value Endurance SFF 2.5-in Quick-release Enterprise Value 3yr Wty Solid State Drive	739892-B21	Capacity	300GB	
		Height	15mm	
		Length x Width	Standard LFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Random Reads	61,000 IOP/s
			Random Writes (Write Cache Off)	9,200 IOP/s
			Sequential Reads	475 MiB/s
			Sequential Writes (Write Cache off)	300 MiB/s
		Physical Configuration	Logical Blocks	512 bytes
		Power	9W	
		Operating Temperature	0-60°C	

Technical Specifications

HP 240GB 6G SATA Value Endurance SFF 2.5-in Quick-release Enterprise Value 3yr Wty Solid State Drive	718180-B21		
		Capacity	240GB
		Height	15mm
		Length x Width	Standard SFF
		Interface	SATA
		Transfer Rate Synchronous (Maximum)	6Gbps
		Performance	Rotational Speed	N/A
			Random Reads	64,000 IOP/s
			Random Writes (Write Cache Off)	8,000 IOP/s
			Sequential Reads	475 MiB/s
			Sequential Writes (Write Cache off)	250 MiB/s
		Physical Configuration	Logical Blocks	512 bytes
		Power	9W
		Operating Temperature	0-60°C

6G SATA ME Quick Release SFF (2.5-inch) Enterprise Mainstream Solid State Drives

HP 800GB 6G SATA Mainstream Endurance SFF 2.5-in QR Enterprise Mainstream 3yr Wty Solid State Drive	730057-B21		
		Capacity	800GB
		Height	15mm
		Length x Width	Standard SFF
		Interface	SATA
		Transfer Rate Synchronous (Maximum)	6Gbps
		Performance	Rotational Speed	N/A
			Random Reads	61,000 IOP/s
			Random Writes (Write Cache Off)	35,000 IOP/s
			Sequential Reads	480MiB/s
			Sequential Writes (Write Cache off)	450MiB/s
		Physical Configuration	Logical Blocks	512 bytes
		Power	9W
		Operating Temperature	0-60°C

Technical Specifications

HP 400GB 6G SATA Mainstream Endurance SFF 2.5-in QR Enterprise Mainstream 3yr Wty Solid State Drive	**730055-B21**	**Capacity**	400GB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Random Reads	63,000 IOP/s
			Random Writes (Write Cache Off)	35,000 IOP/s
			Sequential Reads	480MiB/s
			Sequential Writes (Write Cache off)	450MiB/s
		Physical Configuration	Logical Blocks	512 bytes
		Power	9W	
		Operating Temperature	0-60°C	

HP 200GB 6G SATA Mainstream Endurance SFF 2.5-in QR Enterprise Mainstream 3yr Wty Solid State Drive	**730053-B21**	**Capacity**	200GB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Random Reads	63,000 IOP/s
			Random Writes (Write Cache Off)	32,000 IOP/s
			Sequential Reads	480MiB/s
			Sequential Writes (Write Cache off)	350MiB/s
		Physical Configuration	Logical Blocks	512 bytes
		Power	9W	
		Operating Temperature	0-60°C	

Technical Specifications

HP 100GB 6G SATA Mainstream Endurance SFF 2.5-in QR Enterprise Mainstream 3yr Wty Solid State Drive

730051-B21

Capacity	100GB	
Height	15mm	
Length x Width	Standard SFF	
Interface	SATA	
Transfer Rate Synchronous (Maximum)	6Gbps	
Performance	Rotational Speed	N/A
	Random Reads	63,000 IOP/s
	Random Writes (Write Cache Off)	19,200 IOP/s
	Sequential Reads	480MiB/s
	Sequential Writes (Write Cache off)	185MiB/s
Physical Configuration	Logical Blocks	512 bytes
Power	9W	
Operating Temperature	0-60°C	

3G SATA MLC Quick Release SFF (2.5-inch) Enterprise Mainstream Solid State Drives

HP 400GB 3G SATA MLC SFF (2.5-inch) Quick Release Enterprise Mainstream 3yr Wty Solid State Drive

636625-B21

Capacity	400GB	
Height	15mm	
Length x Width	Standard SFF	
Interface	SATA	
Transfer Rate Synchronous (Maximum)	3Gbps	
Performance	Rotational Speed	N/A
	Random Reads	32,000 IOP/s
	Random Writes	10,000 IOP/s
	Sequential Reads	257MiB/s
	Sequential Writes	235MiB/s
Physical Configuration	Logical Blocks	512 bytes
Power	7W	
Operating Temperature	0-60°C	

Technical Specifications

Environment-friendly Products and Approach	**End-of-life Management and Recycling**	Hewlett-Packard offers end-of-life HP product return, trade-in, and recycling programs in many geographic areas. For trade-in information, please go to: http://www.hp.com/go/green. To recycle your product, please go to: http://www.hp.com/go/green or contact your nearest HP sales office. Products returned to HP will be recycled, recovered or disposed of in a responsible manner. The EU WEEE directive (2002/95/EC) requires manufacturers to provide treatment information for each product type for use by treatment facilities. This information (product disassembly instructions) is posted on the Hewlett Packard web site at: http://www.hp.com/go/green. These instructions may be used by recyclers and other WEEE treatment facilities as well as HP OEM customers who integrate and re-sell HP equipment.